CLAIMS

We claim:

1. A method of storing data comprising:

placing a plurality of carriers of different colors on a medium and representing data by the presence and absence of said colors;

exciting said colors within said carriers by making them fluoresce;

measuring said fluoresce of said carriers to identify presence and absence of said colors.

2. The method of claim 1 wherein said medium is a disk.

3. The method of claim 1 wherein said carriers are nanometer size fluorescent particles.

4. The method of claim 3 wherein said particles comprise quantum dots.

5. The method of claim 4 wherein said quantum dots are made up of red, blue, and green color.

6. The method of claim 4 wherein said quantum dots are made up of a plurality of shades of a color.

7. The method of claim 1 wherein said placing of said carriers is performed using inkjet based technology.

8. The method of claim 1 wherein said placing of said carriers is performed using laser-induced technology.

9. The method of claim 1 wherein said placing of said carriers is performed using holey fibers.

10. The method of claim 1 wherein an HSMF is used for dispersing collimated fluorescent light on a specrally sensitive component.